

# SPEED BY SPECTRE™

## Intake Installation Instructions P/N 9911

### Year/Make/Model/Engine

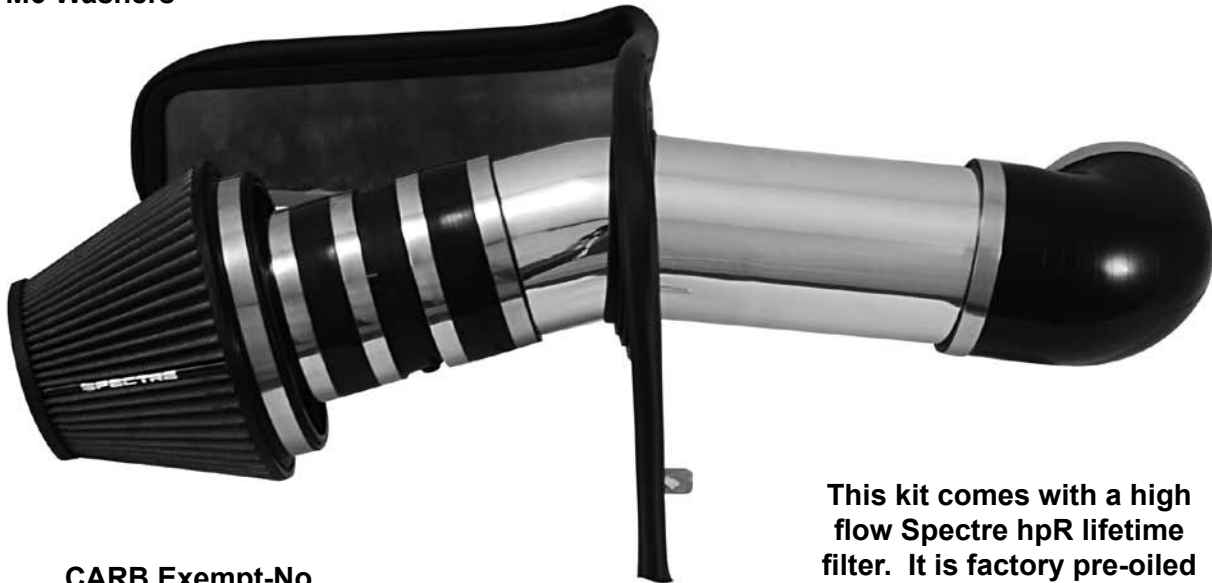
2006-2007/Chevrolet/Trailblazer SS/6.0L

#### Parts List

- 1 – Intake Tube
- 1 – Heat Shield
- 88cm – Bulb Seal
- 1 – 4” Grommet
- 1 – 4” 90° Elbow
- 6 – 4” Hose Clamps
- 1 – GM MAF Adapter Sleeve
- 1 – 889606 hpR Air Filter
- 1 – 6” Hose Clamp
- 1 – Velocity Stack Adapter
- 2 – 4” Couplers
- 2 – Reducer Rings
- 2 – Magna-Clamps
- 24cm – Breather Hose
- 3 – M6 Hex Bolts
- 3 – M6 Washers

#### Tools Required:

- 5/16” nut driver
- Phillips screw driver
- Flat Blade screw driver
- 3/8” drive 10mm socket
- 3/8” drive ratchet
- 3/8” drive extension



**CARB Exempt-No  
Products that are not  
CARB exempt are legal  
in most states, but may  
not be used in California  
or states with similar  
emissions control laws.**

**This kit comes with a high  
flow Spectre hpR lifetime  
filter. It is factory pre-oiled  
and ready to install. For  
cleaning instructions, visit  
our website –  
[www.speedbyspectre.com](http://www.speedbyspectre.com)**



**Step 1**  
Safety first! Before you begin the installation, make sure that the vehicle is in park with the parking brake set. Disconnect the negative battery terminal and verify all components listed are present.



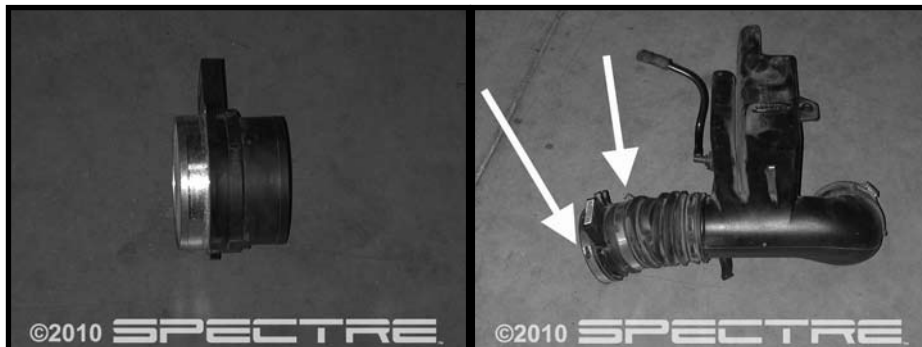
**Step 2**  
Remove the retaining nut from the engine cover and lift the engine cover off.



**Step 3**  
Disconnect the breather tube from the engine. It should be positioned just to the right of the oil filler neck.



**Step 4**  
Unplug the Mass Air Flow Sensor (MAFS). Loosen the clamps on both ends of the stock intake tube and remove from vehicle.



**Step 5**  
Loosen the clamp holding the MAFS to the stock intake tube and remove the sensor from the assembly.



**Step 6**  
Loosen the four Phillips screws from the corners of the air intake lid and remove it from the assembly. Once the lid is off, remove the air filter.



**Step 7**  
Install the bulb seal and grommet onto heat shield as shown.



**Step 8**  
Using the provided hardware, bolt the heat shield in place. (NOTE) Be sure to place the MAFS connector and wires through the provided relief in the shield (as shown) before you bolt it into place.



**Step 9**  
Insert the tube into the heat shield grommet as shown. As it is a tight fit, you may find that a light silicone-based lubricant, placed on the inside of the grommet, will make it easier.



**Step 10**  
Install the reducer ring onto the throttle body as shown



**Step 11**  
Install the short side of the 90° rubber elbow onto the throttle body. *Tighten the clamp fully.* Insert the intake tube into the other end of the rubber elbow. *Snug, but do not fully tighten this clamp.*



**Step 12**  
Install the breather hose onto the bung on the intake tube and attach the other end to the engine in the same place as Step 3.



**Step 13**  
Install the thick GM MAFS sleeve and thin reducer ring on the MAFS



**Step 14**  
Install the couplers on both sides of the MAFS. Tighten the clamps on the inside and leave the clamps on the ends loose for adjustment later.



**Step 15**  
Install the velocity stack funnel into the filter and tighten the clamp.



**Step 16**  
Assemble the MAFS, couplers, and filter together. Be sure that the small arrow on the MAF is pointing away from the air filter (towards the engine).



**Step 17**  
Install the MAFS and filter assembly onto intake tube. *Rotate the tube as needed to position the filter so that it does not make contact with anything and fully tighten the clamps.* Reinstall the engine cover.



**Step 18**  
Make sure that all clamps and hardware are fully tightened. Reconnect the battery cable, start the vehicle and let it warm up. Shut off and inspect the installation once more for any loose clamps, wires, or hardware. Test drive & enjoy! Your installation is now complete. Periodically check all clamps and brackets.

If you have any difficulties or questions regarding the installation of this intake system, contact the Spectre Performance Technical Department by email - [Tech@spectreperformance.com](mailto:Tech@spectreperformance.com) or by phone 1-800-821-4868 Monday thru Thursday 6:00am to 4:30pm PST.

Product Info:  
Performance Air Induction  
System P/N 9909

**SPEED BY SPECTRE™**

(909) 673-9800  
[www.spectreperformance.com](http://www.spectreperformance.com)